



**COMMONWEALTH of VIRGINIA**  
*DEPARTMENT OF ENVIRONMENTAL QUALITY*

James S. Gilmore, III  
Governor

John Paul Woodley, Jr.  
Secretary of Natural Resources

Northern Virginia Regional Office  
13901 Crown Court  
Woodbridge, VA 22193-1453  
(703) 583-3800 fax (703) 583-3801  
<http://www.deq.state.va.us>

Dennis H. Treacy  
Director

Gregory L. Clayton  
Regional Director

February 4, 2000

Mr. Ajay Kapoor  
Facilities Management  
DC Department of Corrections  
Box 25  
Lorton, VA 22199

Re: RCRA Inspection  
DC Department of Corrections  
VAD980830988

Dear Mr. Kapoor:

The Virginia Department of Environmental Quality, Northern Virginia Regional Office (NVRO), conducted a compliance evaluation inspection at your facility on December 9, 1999. NVRO evaluated the facility for compliance with the Virginia Hazardous Waste Management Regulations (VHWMR) as a large quantity generator. I have enclosed a survey sheet and five inspection checklists for your review.


Based on review of observations, responses, and documents obtained during and after the inspection, it appears that the facility is in compliance with the VHWMR.

Past activities at DC Department of Corrections (DCDC) resulted in the storage of hazardous waste for greater than 90 days in the ink pit (surface impoundment). The closure of the ink pit is included in DCDC's Order, effective July 8, 1999. Currently, DCDC is pursuing closure activities of the ink pit in accordance with the Order.

Mr. Kapoor  
DCDC  
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If you have any questions, please call me at (703) 583-3891.

Sincerely,

A handwritten signature in black ink that reads "Stacey M. Rosenquist". The signature is written in a cursive, flowing style.

Stacey M. Rosenquist  
Enforcement/Compliance Specialist Sr.

Enclosures

cc: Claire Ballard  
Anne Crosier  
Jon Terry  
Scott Heiser, AASE

January 1994

DEPARTMENT OF ENVIRONMENTAL QUALITY  
WASTE DIVISION

SURVEY SHEET  
FOR INSPECTION OF HAZARDOUS WASTE FACILITIES

NAME of FACILITY: DC Department of Corrections

ADDRESS: Central  
Silverbrook Road Tower Gate 4  
Lorton, VA 22079-0730

EPA ID NUMBER: VAD980830988

FACILITY  
REPRESENTATIVE: Scott Heiser

TITLE: Project Manager (AAS Environmental, Inc.)

TELEPHONE NUMBER: (703) 643-6947/(703) 643-6948/(301) 913-0040

INSPECTOR'S NAME: Stacey M. Rosenquist

TITLE: Enforcement/Compliance Specialist Sr.

DATE of INSPECTION: December 9, 1999

1. What is the business activity of the firm? (i.e., furniture mfg., metal plating, recycling, etc.)  
Furniture repair and refinishing and auto body shop
2. Give a brief description of the waste stream(s) [by chemical name, if possible] and hazardous waste code(s) generated by the firm.

**Industries**

D001/F002/F003 - waste methylene chloride (sludge and sponges/PPE)

D001/D035/F003/F005 - waste paint related material (paint/thinner and paint filters)

F003/F005 - waste paint related material (paint rags)

**Body Shop** (The body shop is managed by the DCDC Vehicle Maintenance Division)

D001 - waste paint and thinner

unknown - waste paint filters - DCDC has identified the paint filters as a possible hazardous waste. DCDC has indicated that they will test the filters to determine if they meet the definition of a hazardous waste. The paint filters have not been removed from the paint booth.

**Ink Pit** (RCRA Closure)

F002/F003/F005 – sludge

**Various characteristic and listed hazardous waste generated as a result of housekeeping efforts.**

3. List the highest amounts of hazardous waste ever generated in any month of the calendar year and the greatest amount ever accumulated at the site of each type of waste generated.

Waste Code	Amount Generated	Amount Accumulated
D001/F002/F003 (sponges/PPE) <b>Industries</b>	<30 pounds	1 drum (110 pounds)
D001/ F002/F003 (sludge) <b>Industries</b>	4 drums (55 gallons each)	10 drums (55 gallons each)
F003/F005 (rags) <b>Industries</b>	< 1 drum (100 pounds)	3 drums (375 pounds)
D001/D035/F003/F005 (paint filters) <b>Industries</b>	Approximately 50 pounds	1 drum (200 pounds)
D001/D035/F003/F005 (waste paint and thinner) <b>Industries</b>	< 1 drum (55 gallons)	1 drum (55 gallon each)
D001 (waste paint and thinner) <b>Body Shop</b>	None	None
F002/F003/F005 (ink pit sludge)	6882 gallons (liquid) 51 cubic yards (solid)	None

4. Does the facility ever generate greater than:  
1 kg. of acutely toxic waste (P listed waste or F020-F023 and F026-F027)?

NO

100 kg of clean-up from a spill of P listed waste or F020-F023 and F026-F027 waste?

NO

If yes, then the facility is a large quantity generator.

5. How is the waste presently being handled? Where is it sent?  
(List all transporters and facilities, or on-site treatment performed).

Transporters-

Ashland Chemical Co./Ashland Distribution Co. OHD042311209  
Dart Trucking Co. Inc. OHD009865825  
Tri-State Motor Transit Co. MOD095038998  
Freehold Cartage NJD054126164

TSD Facilities-

Ashland Chemical Co./Ashland Distribution Co. NCD061263315  
Michigan Recovery MID060975844

6. Does the facility generate any hazardous waste that is excluded from regulation?

NO

If yes, list the waste and the basis for exclusion.

7. Does the facility:

**Generate**

**Market**

**Burn**

used oil that is burned for energy recovery? **Underline or circle all that are applicable.**(If the facility **markets** or burns used oil, fill out the **Used Oil Checklist.**)

NO

Does the generator of used oil to be burned for energy recovery (other than a **Conditionally Exempt Small Quantity Generator**) mix the used oil with hazardous waste?

NO

If **YES**, then fill out the **Used Oil Checklist.**

8. Does the facility generate any hazardous waste that is reclaimed to recover economically feasible amounts of gold, silver, platinum, palladium, iridium, osmium, rhodium, ruthenium, or any combination of these?

NO

If Yes, list the waste, where it is sent, and complete the **Metals Recovery Checklist**.

9. Does the facility generate, transport, store, collect or reclaim spent lead-acid batteries?

NO

If yes, Underline or **circle** all that are applicable. If the facility stores batteries before reclaiming them, complete the **Metals Recovery Checklist**.

10. Based on the above, the facility is a:
- a. conditionally exempt small quantity generator
  - b. small quantity generator
  - c. **generator**
  - d. permitted or interim status TSD
  - e. **unpermitted TSD** (explain in comments section)
  - f. transporter
  - g. other: please explain \_\_\_\_\_

[Underline or **Circle** All That Are Applicable]

11. Check accumulation times and quantities for the three types of generators. If the times or quantities are exceeded, then the facility is moved up to the next category. Complete the appropriate checklist(s).

A conditionally exempt small quantity generator can accumulate for an indefinite period of time until he has accumulated 1000 kg (approx. 5-55-gallon drums) of non-acute hazardous waste, at which time the accumulation time (180 days or 270 days) for small quantity generators begin.

Small quantity generators can accumulate hazardous waste for up to 180 days or 270 days if the disposal site is over 200 miles away (in containers and tanks only). However, if at any time over 6000 kgs of waste is accumulated, then the small quantity generator becomes a generator, or an unauthorized facility, as applicable.

12. List each container and tank accumulation area. Specify the number and capacity of each tank and container. [Note: Include any satellite accumulation areas. Verify that only 55 gallons of any particular hazardous waste code (or one quart of acutely toxic waste) is at that area.]

Location	# of Containers	# of Tanks	Capacity
Storage Area-Industries D001/F002/F003 (sludge)	3	0	55 gallons each
Satellite 1-Industries D001/D035/F003/F005 (waste paint/thinner) Metal Shop	1	0	55 gallons
Satellite 1-Industries F003/F005 (rags) Metal Shop	1	0	55 gallons
Satellite 2-Industries D001/D035/F003/F005 (waste paint/thinner) Furniture Shop	1	0	55 gallons
Satellite 2-Industries D001/D035/F003/F005 (contaminated paint filters) Furniture Shop	1	0	55 gallons
Satellite 3-Industries F002/F003 (sponges and PPE) Furniture Shop	1	0	55 gallons
Satellite 3-Industries D001/F002/F003 (sludge) Furniture Shop	1	0	55 gallons
Satellite 4-Body Shop D001 (waste paint and thinner)	0	0	N/A
Storage Area - Facilities Management Complex (Shed)	Numerous	0	various
Storage Area - Facilities Management (Parking Lot)	2 4 3	0	Cubic yard box 55 gallons 85 gallons

13. Comments:

See Checklists.

Past activities at DCDC resulted in the storage of hazardous waste for greater than 90 days in the ink pit (surface impoundment). The closure of the ink pit is included in DCDC's Order, effective July 8, 1999.

14. Waste Management Flow Diagram:

(On this page sketch a brief, but detailed, flow diagram that includes how and where the waste is generated, the steps through a treatment system (if any), the steps through storage including satellite accumulation areas. Do this for each waste stream including excluded hazardous waste. Include any wastewater treatment facilities at the company, and verify the type of units included in the system, and any hazardous waste streams going to WWT.)

N/A



## 5. GENERATORS CHECKLIST

NA = Not Applicable, NC = Non-Compliance

40 CFR CITATION	REGULATION	YES	NO	NA	NC
	<b>SECTION A – MANIFEST</b>				
262.20	1. Does generator ship waste off-site?	X			
262.20	2. Does generator use manifest?	X			
	a. If no, is generator a small quantity generator (generating between 100 and 1000 kg/month?)  NOTE: SQGs are only exempt if wastes are reclaimed. (See §262.20(e).)			X	
	1. If yes, does generator indicate this when sending waste to a TSD facility?			X	
Part 262 Appendix	b. If yes, does manifest include the following information?				
	1. Manifest document no.	X			
	2. Generator's name, mailing address, telephone no.	X			
	3. Generator EPA I.D. no.	X			
	4. Transporter Name(s) and EPA I.D. no.(s)	X			
	5. Facility name, address, and EPA I.D. no.	X			
	6. Alternate facility name, address, and EPA I.D. no.			X	
	7. Instructions to return to generator if undeliverable			X	
	8. Waste information required by DOT – shipping name, quantity (weight or vol.), containers (type and number)	X			
	9. Emergency information (optional) (special handling instructions, telephone no.)	X			
	10. Is the following certification on each manifest form?  "This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable national and international regulations."	X			
262.40	11. Does generator retain copies of manifests? If yes, complete a through g. (§262.23)	X			
	a. Did generator sign and date all manifests?	X			

40 CFR CITATION	REGULATION	YES	NO	NA	NC
	b. Did generator obtain handwritten signature and date of acceptance from initial transporter?	X			
262.40	c. Does generator retain one copy of manifest signed by generator and initial transporter?	X			
262.40	d. Do returned copies of manifest include facility owner/operator signature and date of acceptance?	X			
262.42	12. Have manifests been received from the TSD facility for any waste, which was shipped over 45 days ago?	X			
	a. If no, has the generator filed an exception report?			X	
	b. Does the exception report include:				
	1. a legible copy of the manifest for which the generator does not have confirmation of the delivery? and			X	
	2. a cover letter explaining the efforts taken to locate the shipment?			X	
262.11	<b>SECTION B – HAZARDOUS WASTE DETERMINATION</b>				
	3. Does generator generate solid waste(s) listed in Subpart D (List of Hazardous Waste)?	X			
	4. Does generator generate solid waste(s) listed in Subpart C that exhibits hazardous characteristics (corrosivity, ignitability, reactivity, TC)?	X			
	a. Does generator determine characteristics by testing or by applying knowledge of processes?	X			
	1. If determined by testing, did generator use test methods in Part 261, Subpart C (or equivalent)?	X			
262.11	5. Has the generator evaluated all solid wastes to determine whether the solid wastes are hazardous wastes? <b>SEE COMMENTS</b>			X	
	<b>SECTION C – PRETRANSPORT REQUIREMENTS</b>				
262.30	6. Does generator package waste in accordance with 49 CFR 173, 178, and 179 (DOT requirements)?	X			
	a. Are containers to be shipped leaking or corroding?		X		
	b. Complete Checklist 4. Containers to evaluate condition of containers.				

40 CFR CITATION	REGULATION	YES	NO	NA	NC
	c. Is there evidence of heat generation from incompatible wastes in the containers?			X	
262.31	7. Does generator follow DOT labeling requirements in accordance with 49 CFR 172? <b>SEE COMMENTS</b>	X			
262.32	8. Does generator mark each package in accordance with 49 CFR 172? <b>SEE COMMENTS</b>	X			
262.32	9. Is each container of 110 gallons or less marked with the following label? <b>SEE COMMENTS</b> HAZARDOUS WASTE - Federal Law Prohibits Improper Disposal. If found, contact the nearest police or public safety authority or the U.S. Environmental Protection Agency.	X			
	a. Generator name(s) and address(es)	X			
	b. Manifest document No.	X			
262.33	10. Does generator have placards to offer to transporters? <b>SEE COMMENTS</b>		X		
262.34	11. Accumulation time <b>SEE COMMENTS</b>				
	a. Are containers used to temporarily store waste before transport?	X			
262.34(a)(2)	1. If yes, is each container clearly dated?	X			
262.34(a)(3)	2. If yes, is each container labeled or clearly marked with the words "Hazardous Waste?"	X			
262.34(c)(1)	12. Does the generator have satellite accumulation areas where up to 55 gallons of any one type of hazardous waste (HW) (1qt acutely HW) are accumulated? If yes,	X			
262.34(c)(1)(ii)	a. Are the containers marked with the words "Hazardous Waste" or other words that identify the contents of the container?	X			
262.34(c)(1)	13. Are amounts in excess of those allowed being accumulated in the satellite accumulation area? If yes,		X		
	a. Has the generator marked the excess amount with the date the excess amount begun accumulating? and			X	
	b. Has the generator either removed the excess amount within three days of the date of excess accumulation or has the generator complied with all other provisions for accumulation areas. Namely, has the generator notified the Executive Director about the location of the accumulation area?			X	
262.40	<b>SECTION D – RECORDKEEPING AND RECORDS</b>				
	14. Does generator keep the following reports for 3 years?				
	a. Manifest or signed copies from designated facilities <b>SEE COMMENTS</b>	X			
	b. Biennial reports	X			
	c. Exception reports			X	

40 CFR CITATION	REGULATION	YES	NO	NA	NC
	d. Test results	X			
	16. Where are the records kept (at facility or elsewhere)?	at the Facility			
	<b>SECTION E – SPECIAL CONDITIONS</b>				
	17. Has the primary exporter received from or transported to a foreign source any hazardous waste?			X	
262.53	a. If yes, has he filed a notice with the Regional Administrator?			X	
262.54	b. Is this waste manifested and signed by a foreign consignee?			X	
262.54	c. If generator transported wastes out of the country, has he received confirmation of delivered shipment?			X	
<b>268</b>	<b>SECTION F – LDR REQUIREMENTS</b>				
	18. Does the facility generate, transport, treat, store or dispose any land-restricted wastes?	X			
	19. Is land disposal of wastes occurring? If yes,		X		
	a. Has the facility been granted an extension to the effective date for land restriction applicable to its restricted waste? OR			X	
	b. Has the facility been granted an exemption from prohibition pursuant to a petition for those land-restricted wastes and units covered by the petition? OR			X	
	c. Are the wastes hazardous only because they exhibit a hazardous characteristic and are they disposed outside the Commonwealth into an injection well without exhibiting any prohibited characteristic of hazardous waste at the point of injection?			X	
268.5	22. Has the owner/operator submitted an application for case-by-case extension to the effective date of any applicable restriction?		X		
268.6	23. Has the owner/operator been granted a petition seeking an exemption from a prohibition for the disposal of hazardous waste in a particular unit or units?		X		
268.3	24. Are facility representatives diluting the restricted waste or residual from treatment of the restricted waste as a substitute for adequate treatment, to circumvent the effective date of prohibition, to otherwise avoid a prohibition, or to circumvent a land disposal prohibition?		X		

40 CFR CITATION	REGULATION	YES	NO	NA	NC
268.4	25. Is the facility treating land-restricted wastes in a surface impoundment or series of surface impoundments? (Note: Evaporation of hazardous constituents in a surface impoundment as the principal means of treatment is not considered to be an acceptable form of treatment for land restricted wastes.)		X		
	26. If yes, complete <b>Check Sheet 12. Surface Impoundments.</b>				
268.7(a)(1)	27. For restricted wastes, which the generator is managing, for which he has not met the applicable treatment standards, has the generator accompanied each shipment of waste with a notification to the treatment facility of the appropriate treatment standards and any applicable prohibitions?	X			
	28. Did the notification include the following information:				
268.7(a)(1)(i)	a. EPA Hazardous Waste Number?	X			
268.7(a)(1)(ii)	b. The waste constituents that the treater will monitor if monitoring will not include all regulated constituents?	X			
268.7(a)(1)(iii)	c. The manifest number associated with the shipment of waste? and	X			
268.7(a)(1)(v)	d. Waste analysis data, where available?	X			
268.7(a)(2)	29. For restricted wastes which the generator has determined can be land disposed without further treatment, has the generator accompanied each shipment of waste with a notification and certification to the land disposal facility that the waste meets the applicable treatment standards set forth in subpart D of this part and the applicable prohibitions set forth in 268.32 or RCRA section 3004(d)?			X	
	30. Did the notification include the following information:				
268.7(a)(2)(i)(A)	a. EPA Hazardous Waste Number?			X	
268.7(a)(2)(i)(B)	b. The waste constituents that the treater will monitor if monitoring will not include all regulated constituents?			X	
268.7(a)(2)(i)(C)	c. The manifest number associated with the shipment of waste? And			X	
268.7(a)(2)(i)(D)	d. Waste analysis date, where available?			X	

40 CFR CITATION	REGULATION	YES	NO	NA	NC
268.7(a)(2)(ii)	31. Was the certification signed by an authorized representative, and did it state the following:  "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."			X	
268.7(a)(3)	32. Has the generator received a case-by-case exemption on restricted waste, been granted an exemption through petition, or those wastes subject to a national variance, has the generator forwarded notice with the waste to the land disposal facility stating that the waste is exempt from the land disposal restrictions?			X	
268.7(a)(7)	33. Does the generator retain on-site copies of all notices, certifications, demonstrations, waste analysis data, and other documentation for at least five years from the date the waste was last sent to on-site or off-site treatment, storage or disposal? <b>SEE COMMENTS</b>	X			
	34. Is the generator storing land restricted waste? (For one year storage only)		X		
	35. If yes, is the storage on-site solely for the purpose of the accumulation of such quantities of hazardous waste as necessary to facilitate proper recovery, treatment or disposal?			X	

COMMENTS:

5. DCDC has identified the paint filters as a possible hazardous waste. DCDC has indicated that they will test the filters to determine if they meet the definition of a hazardous waste when the are removed from the paint booth.

DCDC has a Hazardous Waste Determination Plan.

7. - 9. DOT labels are placed on containers prior to shipment.

10. The hazardous waste transporter provides the placards.

11. All containers were dated and labeled in two of the three <90 day areas, Industries and Maintenance. Containers located in the third <90 day area, Facilities Management Complex Shed, were neither dated nor labeled with the words "Hazardous Waste". In AASE's letter dated January 6, 2000, AASE informed DEQ that the waste stored in the shed had been labeled and dated and a hazardous waste determination was being conducted by Environmental Chemical Associates.

14.a. At the time of the inspection, the facility was unable to provide copies of the manifests associated with the sludge disposal from the ink pit. On January 7, 2000, DEQ received copies of the completed manifests.

33. At the time of the inspection DCDC was missing LDRs for manifest numbers MI7805897, MI7805899, VA0785000, VA0785001, MI7805828. The facility did not provide copies of LDRs for manifests associated with the sludge disposal from the ink pit. On January 12, 2000, DEQ received a copy of the LDR for the sludge.

**In accordance with 9 VAC 20-60-262 B.4, please note that DCDC must notify the Department of the exact location of the accumulation/storage areas (note: satellite accumulation areas are excluded) at least 15 days prior to the establishment of the area.**

#### 4. CONTAINERS CHECKLIST

NA = Not Applicable, NC = Non-Compliance

40 CFR CITATION	REGULATION	YES	NO	NA	NC
264/5.171	<b>SECTION A - USE AND MANAGEMENT</b>				
	1. Are containers in good condition?	X			
264/5.172	<b>SECTION B - COMPATIBILITY OF WASTE WITH CONTAINER</b>				
	2. Is container made of a material that will not react with the waste which it stores?	X			
264/5.173	<b>SECTION C - MANAGEMENT OF CONTAINERS</b>				
	3. Is container always closed while holding hazardous waste?	X			
	4. Is container not opened, handled, or stored in a manner, which may rupture it or cause it to leak?	X			
264/5.174	<b>SECTION D - INSPECTIONS</b>				
	5. Does owner/operator inspect containers at least weekly for leaks and deterioration? <b>SEE COMMENTS</b>	X			
264/5.176	<b>SECTION E - IGNITABLE AND REACTIVE WASTES</b>				
	6. Are containers holding ignitable and reactive waste located at least 15 m (50 ft) from facility property lines?	X			
	<b>PERMITTED FACILITIES ONLY</b>				
264/5.177	<b>SECTION F - INCOMPATIBLE WASTE</b>				
	7. Are incompatible wastes or materials placed in the same containers?			X	
	8. Are hazardous wastes placed in washed, clean containers when they previously held incompatible waste?			X	
	9. Are incompatible hazardous wastes separated from each other by a berm, dike, wall, or other device?			X	
264.178	<b>SECTION G - CLOSURE</b>				
	10. Do container storage areas have a containment system?			X	
	11. At closure, were all hazardous wastes and associated residues removed from the containment system?			X	

#### COMMENTS:

5. At the time of the inspection, the weekly inspection log of the Maintenance Area was not available for review. On December 22, 1999, AASE provided DEQ with copies of the weekly inspection logs for the Maintenance Area.

Weekly inspections were not being conducted for containers located in the Facilities Management Complex Shed. In AASE's January 6, 2000, letter, AASE stated that weekly inspections of the containers were being conducted.



17. RCRA WASTE MINIMIZATION CHECKLIST

40 CFR CITATION	REGULATION	YES	NO	NA	NC
	<b>SECTION A - STATUTORY/REGULATORY REQUIREMENTS</b>				
262.20(a)	1. Has the manifest been certified by an authorized representative?	X			
262.20(a)	2. Has the waste minimization statement on the manifest been altered or deleted?		X		
262.20(a) 264/265.75	3. Does the facility have a written description of their waste minimization program?		X		
	If a written description is not provided, can the facility personnel provide a verbal description of the waste minimization program? <b>SEE COMMENTS</b>	X			
	4. Is there any visual evidence of the facility's waste minimization efforts? If yes, describe the activities/program observed in the comment section.		X		
	5. Does the description in the biennial report and/or annual export reports include:	<b>SEE COMMENTS</b>			
262.41(a)(6) 262.56(a)(5)(i) 264/265.75(h)	a. A description of the efforts undertaken during the year to reduce the volume and toxicity of waste generated?			X	
262.41(a)(7) 262.56(a)(5)(ii) 264/265.75(i)	b. A description of the changes in volume and toxicity of waste actually achieved during the year in comparison to previous years?			X	
262.41(a)(8) 262.56(a)(6) 264/265.75(j)	c. Certification by the generator or authorized representative? (§262.56(a)(6) requires certification by primary exporter, §264/5.75(j) requires certification by the owner/operator or authorized representative.)			X	
264.73(b)(9)	6. For permitted facilities, does the operating record contain a certification by permittee (at least annually) that the permittee has a program in place to reduce the volume and toxicity of the hazardous wastes?			X	
	<b>SECTION B - PERMIT/ENFORCEMENT REQUIREMENTS</b>				
	7. Does the facility's permit contain any waste minimization requirements? If yes, briefly describe in the comment section whether the requirements and indicate if they have been met.			X	
	<b>SECTION C - PERMIT/REGULATORY REQUIREMENTS</b>				
	8. Are there waste minimization requirements contained in enforcement orders or settlement agreements with the facility? If yes, briefly describe in the comment section whether the requirements and indicate if they have been met.			X	

COMMENTS:

3. During training, local area managers were instructed on waste minimization. Danny Minter, Industries, has purchased and tried other stripping chemicals in order to reduce the volume and toxicity of waste generated in the furniture shop.
5. This section was not included on the 1997 Biennial Report.

7. HEALTH & SAFETY CHECKLIST

NA = Not Applicable, NC = Non-Compliance

40 CFR CITATION	REGULATION	YES	NO	NA	NC
264/265.16(a)(1)	<b>SECTION A - OUTLINE OF PERSONNEL TRAINING PROGRAM</b>				
	1. Does the facility have a written training program?	X			
264/5.16(c) and (d)(3)	2. Does the program consist of:				
	a. strictly classroom instruction?		X		
	b. strictly on-the-job training?		X		
	c. classroom instruction AND on-the-job training?	X			
	3. Is an annual refresher course required for personnel whose positions at the facility are related to hazardous waste management?	X			
264/265.16 (d)(1) and (2)	<b>SECTION B - JOB TITLE/JOB DESCRIPTION</b>				
	4. Is a job title provided for each employee whose position at the facility is related to hazardous waste management?	X			
	5. Is a job description provided for each employee whose position at the facility is related to hazardous waste management?	X			
264/265.16(a)(2)	<b>SECTION C - TRAINING DIRECTOR</b>				
	6. Is the training program directed by a person trained in hazardous waste management?	X			
264/265.16(a)(2)	<b>SECTION D - RELEVANCE OF TRAINING TO JOB POSITION</b>				
	7. Are facility personnel instructed in hazardous waste management procedures (including contingency plan implementation) relevant to their positions?	X			
264/265.16(a)(3)	<b>SECTION E - TRAINING AND EMERGENCY RESPONSE</b>				
	8. Does the training program include the following emergency response procedures <b>where applicable</b> ?				
	a. Procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment?	X			
	b. Key parameters for automatic waste feed cut-off systems?			X	
	c. Procedures for utilizing communications or alarm systems?	X			
	d. Directions for responding to fires or explosions?	X			
	e. Procedures for groundwater contamination response?			X	
	f. Procedures for conducting shutdown operations?			X	

40 CFR CITATION	REGULATION	YES	NO	NA	NC
264/265.16(b), (d)(4) and (3)	<b>SECTION F - IMPLEMENTATION OF TRAINING PROGRAM</b>				
	9. Are all facility personnel trained within six months of their employment or assignment to the facility or transfer to a new position?	X			
	10. Are facility personnel allowed to work unsupervised before their training program has been completed?		X		
	11. Are records maintained which document that the required training has been given to and completed by facility personnel?	X			
264/265.33	<b>SECTION G - TESTING AND MAINTENANCE OF EQUIPMENT</b>				
	12. Does the owner/operator test and maintain (as necessary to assure its proper operation in time of emergency) the following equipment:				
	a. All communications or alarm systems?	X			
	b. Fire protection equipment?	X			
	c. Spill control equipment?	X			
	d. Decontamination equipment?	X			
264/265.15	<b>SECTION H - GENERAL INSPECTION REQUIREMENTS (PERMITTED FACILITIES ONLY)</b>				
	13. Does the owner/operator maintain a written schedule at the facility for the inspection of:				
	a. Monitoring equipment?			X	
	b. Safety and emergency equipment?			X	
	c. Security devices?			X	
	d. Operating and structural equipment?			X	
	e. Types of problems with equipment:			X	
	1. Malfunction			X	
	2. Operator error			X	
	3. Discharges			X	
	14. Does the schedule identify the types of problems to look for?			X	
	15. Is the frequency of inspection based on the possible deterioration of equipment and the probability of incident?			X	
	16. Are areas subject to spills, such as loading and unloading areas, inspected daily?			X	
	17. Does the owner/operator maintain an inspection log? If yes, does the log include:			X	
	a. Date and time of inspection?			X	
	b. Name of inspector?			X	
	c. Notations of observations?			X	
	d. Date and nature of repairs or remedial actions?			X	
	18. Have any malfunctions or other problems not been remedied? (Summarize in comments section.)			X	
264/265.35	<b>SECTION I - REQUIRED AISLE SPACE</b>				

40 CFR CITATION	REGULATION	YES	NO	NA	NC
	19. Does the facility maintain aisle space to allow unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment?	X			
	20. If aisle space is not maintained, has the owner/operator demonstrated to the Regional Administrator that the space is not needed?			X	
264/265.32	<b>SECTION J - EQUIPMENT REQUIREMENTS</b>				
	21. Is there evidence of fire, explosion, or contamination of the environment? If yes, explain in the comment section.		X		
	22. Is the facility equipped with the following:				
	a. An internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel?	X			
	b. A device such as a telephone (immediately available) or handheld two-way radio capable of summoning emergency assistance from police, fire, or state or local emergency response teams?	X			
	c. Portable fire extinguishers?	X			
	d. Fire control equipment (including special extinguishing equipment such as foam, inert gas, or dry chemical)?	X			
	e. Spill control equipment?	X			
	f. Decontamination equipment?	X			
	g. Water at adequate volume and pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems?	X			
264/265.17(a) and (b)	<b>SECTION K - REQUIREMENTS FOR IGNITABLE, REACTIVE, OR INCOMPATIBLE WASTES (PERMITTED FACILITIES ONLY)</b>				
	23. Does the facility handle ignitable or reactive waste? If yes:			X	
	a. Does the owner/operator take the following precautions to prevent accidental ignition or reaction of wastes: Separate and protect ignitable or reactive wastes from sources of ignition or reaction (open flames, smoking, cutting, welding, hot surfaces, frictional heat, static electrical or mechanical sparks, spontaneous ignition, and radiant heat?			X	
	24. Does the owner/operator confine smoking and open flames to specially designated locations, while ignitable or reactive waste is being handled?			X	
	25. Are "No Smoking" signs placed conspicuously wherever there is a hazard from ignitable or reactive waste?			X	

40 CFR CITATION	REGULATION	YES	NO	NA	NC
	26. Does the owner/operator have procedures in place to prevent accidental ignition or reaction of wastes?			X	
264/265.50 through §265.56	<b>SECTION L – CONTINGENCY PLAN</b>				
	27. Does the owner/operator have a Contingency Plan, or a Spill Prevention Control and Counter measures (SPCC) Plan, or some other emergency plan, that is amended for hazardous waste management?	X			
	28. Is a copy maintained at the facility?	X			
	29. Has a copy been submitted to all local police and fire departments, hospitals, and State and local emergency response teams?	X			
	30. Does the plan describe the control procedures taken in the event of a fire, explosion, or release?	X			
	31. Does the plan describe how and when it will be implemented?	X			
	32. Does the plan describe arrangements agreed to by local police and fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services?	X			
	33. Does the plan list names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinators?	X			
	34. Is one person named as the primary coordinator?	X			
	35. Does the coordinator have the authority to commit the resources to carry out the emergency plan?	X			
	36. Does the plan physically describe and identify the location of all emergency equipment at the facility?	X			
	37. Does the plan include provisions to ensure that the equipment is cleaned and fit for its intended use before operations are resumed?	X			
	38. Does the plan include an evacuation plan for facility personnel?	X			
	39. Does the plan describe:				
	a. Signal(s) to be used to begin evacuation?	X			
	b. Evacuation routes?	X			
	c. Does the plan describe the methodology for immediate notification of:	X			
	1. Facility personnel?	X			
	2. State or local agencies with designated response roles?	X			
	40. Does the plan include procedures for identification of released materials?	X			
	41. Does the plan include procedures/criteria to assess possible hazards to human health and the environment that may result from the release, fire, or explosion?	X			
	42. Does the plan describe all reasonable measures necessary to ensure that fires, explosions, or releases do not occur, reoccur, or spread to other hazardous waste at the facility?	X			

40 CFR CITATION	REGULATION	YES	NO	NA	NC
	43. Does the plan describe procedures to monitor for leaks, pressure buildup, gas generation, or ruptures in valves, pipes, or other equipment if the facility stops operation in response to a fire, explosion, or release?		X		
264/265.37	<b>SECTION M - NECESSARY AGREEMENTS WITH LOCAL AUTHORITIES</b>				
	44. Has the owner/operator made the following arrangements:				
	a. Familiarized police, fire departments, and emergency response teams with the layout of the facility and associated hazards?	X			
	b. Designated one police and fire department with primary emergency authority when more than one might respond?	X			
	c. Agreements with State emergency response teams, contracts, and equipment supplies?	X			
	d. Familiarized local hospitals with the properties of waste handled at the facility and the types of injuries or illness that could result?	X			
	45. Where authorities decline to enter into such arrangements, has the owner/operator documented the refusal?			X	

COMMENTS:

44. Central Facility Infirmary, DCDC Health and Safety Manager, DCDC Local Area Managers, Potomac Hospital, Fairfax County Fire Department, Fairfax County Police Department, Fairfax County Hazardous Materials Unit and VDEQ, NVRO

SUBPART CC FACILITIES

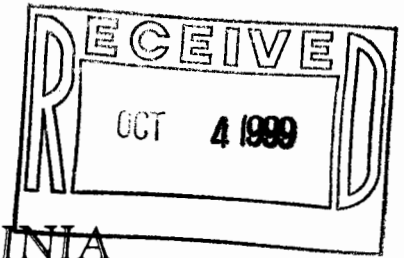
40 CFR CITATION	REGULATION	YES	NO	NA	NC
265	<b>SECTION A – GENERAL</b>				
265.1080	1. If the facility claims that the subpart CC regulations are not applicable to their waste management unit(s) or that the unit(s) are exempt from regulation, explain the rational for the claim in the comments section.			X	
	2. If the waste management unit(s) are exempt because the volatile organic compound (VOC) concentration of the waste is <500 ppmw, does the faclity have VOC determination records? (FACILITY MUST HAVE RECORDS)			X	
	3. Does the facility have a written sample and analysis plan for all waste characterization samples?			X	
265.1089(e)	4. Does the facility have a written plan and schedule to perform air emission control equipment inspections and monitoring?			X	
265.1090(g)	5. Does the facility maintain inspection records on-site for at least three years from the date of the inspection?			X	
265.1085	<b>SECTION B – TANKS</b>				
265.1090(b)	6. If a fixed roof tank ( <b>Tank Level 1 Controls</b> ) is used for the storage of a hazardous waste with >500ppmw VOC, is the maximum vapor pressure determination of the waste maintained in the facility records?			X	
265.1085	7. Are all of the tanks for which there is no maximum vapor pressure determination one of the following: fixed roof with internal floating roof, external floating roof, fixed roof vented to a control device, pressure tank, or tank located within an enclosure vented to a control device ( <b>Tank Level 2 Controls</b> )?			X	
	8. Are tank(s) used for waste stabilization located within an enclosure and vented to a combustion device?			X	
265.1087	<b>SECTION C – CONTAINERS</b>				
265.1087(b)	9. Are the container(s) (>26 gallons) approved for hazardous waste storage by the U.S. Department of Transportation (DOT)?	X			
	a. If not DOT approved, and the container is <119 gallons, does the container when closed have no visible holes, gaps, or other open spaces into the interior of the container?			X	
	b. If not DOT approved, and the container is >119 gallons, is the container in light material service?			X	



	c.	If yes, does the container operate with no detectable organic emissions or has the container been demonstrated to be vapor-tight?	X			
265.1087(b)(2)	10.	Are any container(s) larger than 26 gallons used for waste stabilization?		X		
	a.	If yes, are the container(s) vented to control device or located within an enclosure vented to a control device?			X	
264.1086	<b>SECTION D – SURFACE IMPOUNDMENTS</b>					
	11.	Does the surface impoundment have either a floating membrane cover or a cover vented to a control device?			X	

COMMENTS:

9. & 10. DCDC has made no determination concerning VOC emissions from hazardous waste containers because the containers (Level 1 controls) meet DOT standards. Inspection records for the 90-day accumulation areas meet Subpart CC requirements.



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

James S. Gilmore, III  
Governor

Northern Virginia Regional Office  
13901 Crown Court  
Woodbridge, VA 22193-1453  
(703) 583-3800 fax (703) 583-3801  
<http://www.deq.state.va.us>

Dennis H. Treacy  
Director

John Paul Woodley, Jr.  
Secretary of Natural Resources

Gregory L. Clayton  
Regional Director

September 29, 1999

Mr. Ajay Kapoor  
Facilities Management  
DC Department of Corrections  
Box 25  
Lorton, VA 22199

Re: Local Area Hazardous Waste Contingency Plan  
DC Department of Corrections - VAD980830988

Dear Mr. Kapoor:

The Department of Environmental Quality's Northern Virginia Regional Office has received the revised Local Area Hazardous Waste Contingency Plan (LAHWCP) dated August 26, 1999. Based upon a review of the revised LAHWCP, it appears that the Department's comments were incorporated into the plan and that the plan meets the regulatory requirements of the Virginia Hazardous Waste Management Regulations.

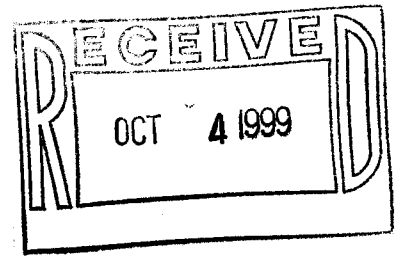
Please note that if the plan is changed, the Department would like to review the plan and provide comments.

If you have any questions, please call me at (703) 583-3891.

Sincerely,

Stacey M. Rosenquist  
Enforcement/Compliance Specialist, Sr.

cc: Claire Ballard  
Jon Terry  
Scott Heiser, AASE



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

James S. Gilmore, III  
Governor

Northern Virginia Regional Office  
13901 Crown Court  
Woodbridge, VA 22193-1453  
(703) 583-3800 fax (703) 583-3801  
<http://www.deq.state.va.us>

Dennis H. Treacy  
Director

John Paul Woodley, Jr.  
Secretary of Natural Resources

Gregory L. Clayton  
Regional Director

September 29, 1999

Mr. Ajay Kapoor  
Facilities Management  
DC Department of Corrections  
Box 25  
Lorton, VA 22199

Re: Hazardous Waste Management Plan  
DC Department of Corrections - VAD980830988

Dear Mr. Kapoor:

The Department of Environmental Quality's Northern Virginia Regional Office has received the revised Hazardous Waste Management Plan (HWMP) dated September 3, 1999. Based upon a review of the revised HWMP, it appears that the Department's comments were incorporated into the plan and that the plan meets the regulatory requirements of the Virginia Hazardous Waste Management Regulations.

Please note that if the plan is changed, the Department would like to review the plan and provide comments.

If you have any questions, please call me at (703) 583-3891.

Sincerely,

*Stacey M. Rosenquist*

Stacey M. Rosenquist  
Enforcement/Compliance Specialist, Sr.

cc: Claire Ballard  
Jon Terry  
Scott Heiser, AASE



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

James S. Gilmore, III  
Governor

John Paul Woodley, Jr.  
Secretary of Natural Resources

Northern Virginia Regional Office  
13901 Crown Court  
Woodbridge, VA 22193-1453  
(703) 583-3800 fax (703) 583-3801  
<http://www.deq.state.va.us>

Dennis H. Treacy  
Director

Gregory L. Clayton  
Regional Director

August 5, 1999

Mr. Ajay Kapoor  
Facilities Management  
DC Department of Corrections  
Box 25  
Lorton, VA 22199

Re: Auto Body Shop Contingency Plan  
DC Department of Corrections - VAD980830988

Dear Mr. Kapoor:

The Department has reviewed the Hazardous Waste Contingency Plan for the Auto Body Shop and offers the following comments.

### III. DEFINITIONS

**Replace** – Satellite Storage Area: A small area within a Local Area where hazardous waste is accumulated, generally at the precise location where the hazardous waste is generated. A MAXIMUM of 55 gallons can be maintained at a Satellite Storage Area before it must be moved to the Central Storage Location.

**With** - Satellite Accumulation Area: A small area within a Local Area where hazardous waste is accumulated, generally at or near the location where the hazardous waste is generated. A MAXIMUM of 55 gallons per waste stream can be maintained at a Satellite Accumulation Area before it must be moved to the Central Storage Location.

### V. RELATED DOCUMENTS

**Replace** - Virginia State Hazardous Waste Management Regulations: VR 672-10-1, as amended September 8, 1993.

**With** – Virginia Hazardous Waste Management Regulations: 9VAC 20-60-12 et seq.

## **VI. GENERATION ACTIVITIES**

Has DC determined that the paint filters are a hazardous waste? If so, please include the paint filters.

## **VII. DAILY PROCEDURES**

### **A. Central Storage Location**

**Replace - Central Storage Location**  
**With – Satellite Accumulation Area**

#### **2. Labels:**

**Replace – 2) Ignitable label**  
**With – 2) Flammable label**

**Delete - 3) Toxic label**

#### **3. Accumulation Time Limits:**

**Replace – Hazardous waste accumulated and stored in the Auto Body Shop's Central Storage Location, Room 100B, shall be properly disposed of off-site within 90 days of exceeding a quantity of 55 gallons. Hazardous waste shall not be stored in the Central Storage Location for longer than 180 days regardless of the quantity.**

**With - Hazardous waste accumulated in the Auto Body Shop's Satellite Accumulation Area 100B, shall be moved to the Storage Area when the quantity of waste reaches 55 gallons. Hazardous waste shall not be stored in the Storage Location for greater than 90 days.**

#### **4. Site Plan:**

**Replace- Figure 1: The Site Plan illustrates locations for Building R-80 (the Auto Body Shop, the Auto Body Shop's Central Storage Location, evacuation routes, and emergency response equipment.**

**With- Figure 1: The Site Plan for the Auto Body Shop (Building R-80), illustrates the location of the Auto Body Shop's Satellite Accumulation Area and emergency response equipment, and evacuation routes.**

### **C. Emergency Response Equipment**

**Replace - Central Storage Location**  
**With - Satellite Accumulation Area**

Mr. Kapoor  
ABSCP  
Page 3

Please provide the capability for each piece of emergency equipment.

Please provide an additional description for each piece of personal protective equipment listed on line g.

**D. Recordkeeping**

Please include that a Land Disposal Restriction Notification must accompany the manifest to the TSDF.

**Replace - Central Storage Location**  
**With - Satellite Accumulation Area**

**VII. Emergency Response Procedures**

**B. Notification Chain**

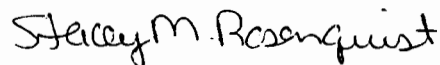
Please include the Virginia Department of Emergency Services, (800) 468-8892, and the Virginia Department of Environmental Quality, (703) 583-3800.

**FIGURE 1: THE SITE PLAN**

**Replace - Central Storage Location**  
**With - Satellite Accumulation Area**

If you have questions, please call me at (703) 583-3891.

Sincerely,



Stacey M. Rosenquist  
Enforcement/Compliance Specialist Sr.

cc: Claire Ballard  
Jon Terry  
Anne Crosier



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

James S. Gilmore, III  
Governor

John Paul Woodley, Jr.  
Secretary of Natural Resources

Northern Virginia Regional Office  
13901 Crown Court  
Woodbridge, VA 22193-1453  
(703) 583-3800 fax (703) 583-3801  
<http://www.deq.state.va.us>

Dennis H. Treacy  
Director

Gregory L. Clayton  
Regional Director

July 8, 1999

Mr. Ajay Kapoor  
Facilities Management  
DC Department of Corrections  
Box 25  
Lorton, VA 22199

Re: Ink Pit Sampling Plan  
DC Department of Corrections - VAD980830988

Dear Mr. Kapoor:

The Department of Environmental Quality's Northern Virginia Regional Office has received AAS Environmental's June 8, 1999, letter and attachments. Based upon a review of the attachments (*i.e.*, Ink Pit Sampling plan, EPA's comments, and the proposed revisions to the sampling plan), it appears that the activities outlined in the sampling plan would generate data of adequate quality and quantity to make a hazardous waste determination.

If you have any questions, please call me at (703) 583-3891.

Sincerely,

A handwritten signature in cursive script that reads "Stacey M. Rosenquist".

Stacey M. Rosenquist  
Enforcement/Compliance Specialist, Sr.

cc: Claire Ballard  
Anne Crosier  
Jon Terry  
Scott Heiser, AASE



**COMMONWEALTH of VIRGINIA**  
*DEPARTMENT OF ENVIRONMENTAL QUALITY*

James S. Gilmore, III  
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John Paul Woodley, Jr.  
Secretary of Natural Resources

Northern Virginia Regional Office  
13901 Crown Court  
Woodbridge, VA 22193-1453  
(703) 583-3800 fax (703) 583-3801  
<http://www.deq.state.va.us>

Dennis H. Treacy  
Director

Gregory L. Clayton  
Regional Director

July 8, 1999

Mr. Ajay Kapoor  
Facilities Management  
DC Department of Corrections  
Box 25  
Lorton, VA 22199

Re: Hazardous Waste Determination Plan  
DC Department of Corrections - VAD980830988

Dear Mr. Kapoor:

The Department of Environmental Quality's Northern Virginia Regional Office has received AAS Environmental's June 8, 1999, letter concerning the purposed changes to the Hazardous Waste Determination Plan (HWDP) and the revised HWDP dated June 11, 1999. Based upon a review of the letter and HWDP, it appears that these changes are acceptable and as a result, the plan is approved.

As stated in the HWDP, the plan will be a "living document"; therefore, the Department must review and approve any changes to the plan.

If you have any questions, please call me at (703) 583-3891.

Sincerely,

A handwritten signature in cursive script that reads "Stacey M. Rosenquist".

Stacey M. Rosenquist  
Enforcement/Compliance Specialist, Sr.

cc: Claire Ballard  
Anne Crosier  
Jon Terry  
Scott Heiser, AASE





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Governor

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Secretary of Natural Resources

Northern Virginia Regional Office  
13901 Crown Court  
Woodbridge, VA 22193-1453  
(703) 583-3800 fax (703) 583-3801  
<http://www.deq.state.va.us>

Dennis H. Treacy  
Director

Gregory L. Clayton  
Regional Director

July 30, 1999

Mr. Ajay Kapoor  
Facilities Management  
DC Department of Corrections  
Box 25  
Lorton, VA 22199

Re: Hazardous Waste Management Plan  
DC Department of Corrections - VAD980830988

Dear Mr. Kapoor:

The Department has reviewed DC Department of Corrections' Hazardous Waste Management Plan and offers the following comments.

**Executive Summary**

**Replace** - The second number, No. VAD981043011, is assigned to the area known as the New Maintenance Transport Facility (Vehicle Maintenance Facility).

**With** - The second number, VAR000010967, is assigned to the area known as the New Maintenance Transport Facility (Vehicle Maintenance Facility).

VAD981043011 is the EPA ID number assigned to Safety Kleen Systems located in Chester, Virginia.

If this plan is to be used for the DC Jail in DC, please modify the plan to address specific DC Department of Health requirements. The EPA ID number for the DC Jail is DCD981935778.

### 1.1

**Step 2: Replace** - File a Hazardous Waste Activity Notification Form to the State or Federal Regulatory Agency.

**With** - File a Hazardous Waste Activity Notification (EPA form 8700-12) with the State or Federal Regulatory Agency.

### 3.1

Please include the DC Department of Health.

### 3.2, 3.3, and 3.4

Please include DC Jail personnel.

### 4

**Replace** - On a daily basis, each Local Area Manager shall identify new hazards and communicate these hazards to all personnel that may become exposed.

**With** - On a daily basis, each Local Area Manager shall inspect the area and identify any new hazards. The Manager must communicate these new hazards to all personnel that may become exposed.

### 4.1

**Replace** - In addition, contractors will be required to provide Material Safety Data Sheets (MSDSs) for any hazardous substances that are brought on site.

**With** - In addition, contractors will be required to provide Material Safety Data Sheets (MSDSs) for any hazardous materials brought on site.

### 6.2

**Replace** - The second number, No. VAD 981043011, is assigned to the area known as the New Maintenance Transport Facility (Vehicle Maintenance Facility).

**With** - The second number, VAR000010967, is assigned to the area known as the New Maintenance Transport Facility (Vehicle Maintenance Facility).

### 6.3

**Replace** - The New Maintenance Transport Facility and Facilities Management should use Identification Number VAD981043011.

**With** - The New Maintenance Transport Facility and Facilities Management should use EPA Identification Number VAR000010967.

7

**Replace** - Only solid waste that is determined, or assumed, to be a hazardous waste under the HWDP are intended for management under this plan.

**With** - Only solid waste that is determined to be a hazardous waste under the HWDP is intended for management under this plan.

**Replace** - The hazardous determination of solid waste is conducted by carefully and diligently performing an evaluation of the solid waste, and if necessary, sampling the solid waste for laboratory analysis.

**With** - Hazardous waste determination can be done by generator's knowledge, and/or laboratory analysis.

#### 7.1

**Replace** - Once the sources of solid waste are identified, then a hazardous determination must be made.

**With** - Once the sources of solid waste are identified, a hazardous waste determination must be made.

**Replace** - Furthermore, any stockpiles of solid waste should be dealt with immediately and, if necessary, incorporated under the Hazardous Waste Management Plan.

**With** - Furthermore, any stockpiles of solid waste should be dealt with and, if necessary, incorporated under the HWMP.

#### 7.2

**Replace** - Making a Hazardous Determination

**With** - Making a Hazardous Waste Determination

**Delete** - Most of the solid waste encountered at the facility will be identified as a hazardous waste because it exhibits one of the four (4) characteristics that define a hazardous waste.

**Replace** - If a solid waste is found to be listed as a hazardous waste in 40 CFR 261 or exhibits one of the four characteristics for a hazardous waste, i.e. toxicity, ignitability, corrosivity, or reactivity without exception under 40 CFR 261.4(b), then the solid waste is considered a hazardous waste.

**With** - If a solid waste is found to be listed as a hazardous waste in 40 CFR 261 or exhibits one of four characteristics (*i.e.*, ignitable, reactive, corrosive, or toxic) for a hazardous waste then the waste is considered a hazardous waste unless excluded under 40 CFR 261.4(b).

**Replace** - A hazardous determination can be made by either reviewing and evaluating existing documentation or by sampling and analysis.

**With** - A hazardous waste determination can be made by reviewing and evaluating existing documentation and/or by sampling and laboratory analysis.

#### 7.2.1

**Replace** - If the information is reliable, sample analysis may not be required, or may only be required to confirm the hazardous nature of the waste.

**With** - Sample analysis may be required to confirm the toxicity of the solid waste.

#### 7.2.2

**Replace** - A Sampling Plan shall be drafted before collecting samples required to make a hazardous determination.

**With** - An approved Sampling Plan shall be in place before collecting samples.

**Replace** - Also, some solid waste may require complex Sampling Plans and extensive analysis to fully characterize the hazardous nature of the waste.

**With** - Also, some solid waste may require complex Sampling Plans and extensive analysis to fully characterize the waste.

### 8

**Replace** - Local Area Contingency Plans (LAP) are local, site specific plans, required for each building or geographic area that generates hazardous waste.

**With** - Local Area Contingency Plans (LAP) are site specific plans, required for each area that generates hazardous waste.

### 9.1

**Replace** - Large Quantity Generators (LQG) must properly dispose of hazardous waste within 90 days of generating the waste. It is important to include the "born on date" on the containers label and on any documentation related to the hazardous waste. This prevents the accumulation of unsafe and unnecessary quantities of hazardous waste on site.

**With** - Large Quantity Generators (LQG) may accumulate and or store hazardous waste on-site for < 90 days. Each container must be labeled with the words "Hazardous Waste" and the accumulation start date.

**Replace** - Small Quantity Generators (SQG) must properly dispose of hazardous waste within 180 days of generating the waste. A generator must be able to demonstrate through accurate records that quantities of hazardous waste are within the limits that define a SQG.

**With** - Small Quantity Generators (SQG) may accumulate and/or store hazardous waste on-site for < 180 days (270 days if TSDF is over 200 miles from generator).

**Replace** - When waste is prepared for shipment and transportation to a treatment, storage, and disposal facility, the waste must be accompanied by a manifest.

**With** - When waste is prepared for shipment and transportation to a treatment, storage, and disposal facility, the waste must be accompanied by a manifest and a land disposal restriction notification.

**Replace** - The signed manifest must be returned to the generator within 35 days of waste shipment. After 35 days has expired, the generator must contact the TSDF by telephone and inquire about the status of the waste. If the generator has still not received a signed manifest after 45 days, the generator must submit an exclusion report to the state regulatory agency, in this case the Virginia Department of Environmental Quality.

**With** - The Facility should receive a copy of the completed manifest within 35 days from the TSDF. If the Facility has not received the manifest within 35 days, the Facility must contact the TSDF and inquire about the status of the waste shipment. If the Facility still has not received the completed manifest after 45 days, the Facility must submit an exception report to the state regulatory agency.

**Delete** - For SQGs, manifest requirements are relaxed somewhat, however, adherence to the LQG manifest requirements is good management practice.

## 9.2

Include 55-gallon polyethylene drums to the list of containers.

**Replace** - The 55 gallon steel drums will be used for solid form hazardous waste, or non-corrosive liquid form of hazardous waste. The 55 gallon stainless steel drums will be used for storing corrosive waste in liquid form.

**With** - The 55-gallon steel drums will be used for accumulating/storing solid hazardous waste, or non-corrosive liquid hazardous waste. The 55-gallon stainless steel and polyethylene drums will be used for accumulating/storing corrosive liquid and/or solid hazardous waste.

**Replace** - The roll-off dumpsters will be used only when the volume of waste is large and is in solid form.

**With** - Roll-off containers will be used for accumulating/storing a large quantity of solid hazardous waste.

### 9.3

Please include that DCDC must notify the state regulatory agency at least 15 days prior to establishing accumulation areas.

Change disposal to disposable.

### 10.1

**Replace** - Transporters are responsible for ensuring that hazardous waste manifests are used properly, kept updated as the hazardous material is transported, and filed when the hazardous waste reaches its destination;

**With** - Transporters shall ensure that the manifest accompanies the hazardous waste to the designated facility. A transporter who delivers a hazardous waste to another transporter or to the designated facility shall obtain the date of delivery and the handwritten signature of that transporter or of the owner or operator of the designated facility on the manifest. The transporter shall retain one copy of the manifest and give the remaining copies of the manifest to the accepting transporter or designated facility;

**Replace** - U.S. DOT requires that anyone associated with transporting hazardous materials transportation be trained for their specific job function (49 CFR 172, Subpart 4);

**With** - U.S. DOT requires that anyone associated with hazardous material transportation be trained for their specific job function (49 CFR 172, Subpart H);

**Replace** - If a hazardous material is released during transportation, the transporter must notify appropriate officials and take immediate action to protect human health and the environment;

**With** - If hazardous waste is released during transportation, the transporter must notify appropriate officials and take immediate action to protect human health and the environment;

**Replace** - The transporter is registered with the EPA and has been issued an EPA Identification Number;

**With** - The transporter must have an EPA Identification Number and a Hazardous Waste Transporter Permit;

### 10.3

**Replace** - The Uniform Hazardous Waste Manifest is a shipping document that is transported with the hazardous waste from the point of generation, through transportation, to final disposition at the designated treatment, storage, and disposal facility (TSDF).

**With** - The Uniform Hazardous Waste Manifest is a shipping document that accompanies the hazardous waste during transportation to the designated facility.

Please note that the State Waste Code and EPA Characteristics or EPA Waste Code Numbers are optional on the Uniform Hazardous Waste Manifest. Also, a land disposal restriction notification should accompany each shipment of hazardous waste.

#### 10.4

**Replace** - The Facility may telephone the state regulatory authority within which the TSDF operates to determine the status/standing with respect to regulatory compliance.

**With** - The Facility can obtain the compliance history of the TSDF, by calling the State Regulatory Agency that regulates the TSDF.

#### 11.3

**Delete** - Hazardous waste that is generated within the Facility must be quantified, dated, and temporarily stored in a safe location.

**Replace** - It is important to document the "born on date" for all hazardous waste generated to ensure this date is not exceeded. If the storage of hazardous waste exceeds the storage time limits, the Facility is then regulated as a treatment, storage, and disposal facility (TSDF). The quantity of hazardous waste generated is also important. The facility must document the quantities of hazardous waste generated to be considered as a SQG or a Conditionally Exempt SQG. The three parameters, quantity, location, and date shall be recorded by either documenting this information on the Hazardous Waste Determination Form or by tracking this information through the hazardous waste manifests.

**With** - It is important to include the accumulation start date on all containers of hazardous waste. If the Facility accumulates or stores hazardous waste for greater than 90 days (LQG) or 180 days (SQG), then the Facility is regulated as a treatment, storage, and disposal facility (TSDF) and must have a permit to do so. The quantity of hazardous waste generated each month determines the Facility's generator status. By recording the quantity, location, and date of hazardous waste generated on the Hazardous Waste Determination Form or by tracking the amount of hazardous waste generated through the hazardous waste manifests, the Facility will be able to determine its generator status.

**Delete** - Additionally, the three parameters discussed above can be used to clearly define a scope of work for the hazardous waste transporter. Quantity is a requirement for both the Uniform Hazardous Waste Manifest and the Biennial Reports (See Section 11.5: Biennial Reports).

#### 11.4

Delete the word receipt after signed manifest receipt.

**Replace** - If a signed manifest receipt is not received in the Facility's possession within 45 days, the Facility must file an exception report to the state regulatory agency.

**With** - If the Facility has not received the signed manifest within 45 days of the date the waste was accepted by the initial transporter, then the Facility must file an exception report with the state regulatory agency.

## 11.5

Replace Figure 11-2; Biennial Report Form with a current copy. A current copy of the Biennial Report Form can be found at <http://www.epa.gov/epaoswer/hazwaste/data/brs99/forms.htm>.

## 12.2

**Replace** - Following a spill or release, the Local Area Managers and the Health and Safety Manager are responsible for obtaining, assessing, and documenting the following information and reporting it to the National Response Center (NRC) at (800) 424-8802 in the United States and (202) 267-2675 in the District of Columbia for the DC Jail:

**With** - Immediately following a spill or release, the Local Area Managers and the Health and Safety Manager are responsible for obtaining, assessing, and documenting the following information and reporting it to the National Response Center (NRC) at (800) 424-8802 or (202) 267-2675:

The Facility must notify the state regulatory agency within 24 hours of a release and shall note in the operating record the time, date, and details of any incident that requires implementing the contingency plan. Within 15 days after the incident, the Facility shall submit a written report to the state regulatory agency.

**Replace** - The following actions will be instituted immediately after a spill or release of a hazardous material under the direction of a person with 40-hour HAZWOPER plus 8-hour Supervisor training:

**With** - The following actions will be instituted immediately after a spill or release of a hazardous waste under the direction of a person with 40-hour HAZWOPER plus 8-hour Supervisor training:

## 12.8

Include that the Facility must notify the state regulatory agency before resuming operations in the affected area(s).

## 13.3

Replace hazardous materials with hazardous wastes.



**13.6**

**Replace - Derived Waste**

**With - Investigation Derived Waste**

**Replace** - Derived waste are those generated during hazardous waste management procedures at the Facility.

**With** - Investigation Derived Waste is waste that is generated from investigative or sampling activities as part of a remediation project or a response action.

**Replace** - Derived waste is the property of the Facility and are to be left at the Facility and disposed of a solid and/or hazardous waste.

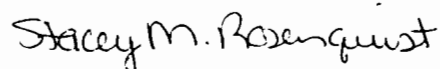
**With** - Investigative Derived Waste is the property of the Facility and is to be left at the Facility and disposed of as a solid or hazardous waste.

**13.8**

Hotlines – Include the phone number for the Virginia Department of Emergency Services. The phone number is (800) 468-8892.

If you have any questions, please call me at (703) 583-3891.

Sincerely,



Stacey M. Rosenquist  
Enforcement/Compliance Specialist Sr.

cc: Claire Ballard  
Jon Terry  
Scott Heiser, AASE



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

James S. Gilmore, III  
Governor

John Paul Woodley, Jr.  
Secretary of Natural Resources

Northern Virginia Regional Office  
13901 Crown Court  
Woodbridge, VA 22193-1453  
(703) 583-3800 fax (703) 583-3801  
<http://www.deq.state.va.us>

Dennis H. Treacy  
Director

Gregory L. Clayton  
Regional Director

July 14, 1999

Mr. Ajay Kapoor  
Facilities Management  
DC Department of Corrections  
Box 25  
Lorton, VA 22199

Re: Return to Compliance - Partial  
DC Department of Corrections - VAD980830988

Dear Mr. Kapoor:

The Department has reviewed DC Department of Corrections' (DCDC) February 26, 1999, letter, and the notes from the March 3, 1999, site visit, and has obtained a copy of the missing Land Disposal Restriction Notification. This information appears to address satisfactorily five of seven violations identified during the January 12, 1999, inspection. As a result, the following five violations have been resolved and the facility returned to compliance with the Virginia Hazardous Waste Management Regulations.

1. According to Charles Senior (Vehicle Maintenance) and Jim Livingston (Auto Body Shop), a DCDC employee transported hazardous waste to the I-95 Landfill household hazardous waste collection area. The hazardous waste was generated when Jim Livingston was removing trash and paint related materials left in the body shop by the previous occupant, DCDC Vocational School. DCDC is a LQG and does not have a hazardous waste transporter permit. Also, I-95 does not have a hazardous waste permit to treat, store, or dispose hazardous waste.

*According to DCDC's February 26, 1999, letter, "This area has been addressed by providing hazardous waste handling training to Jim Livingston, Mobile Equipment Metal Mechanic Foreman."*

2. Jim Livingston was storing paint-related waste (paint and thinner) in 1-gallon and 5-gallon containers outside the body shop paint booth. According to Charles Senior and Jim Livingston, they were coordinating with an environmental consultant for the removal of this waste.

*According to DCDC's February 26, 1999, letter, "these waste containers are stored in a 55-gallon drum that is located inside of the designated Hazardous Waste Satellite Storage Area."*

3. DCDC was missing copies of completed manifests for the shipments of fluorescent tubes (mercury) generated as a result of demolition activities at the medium security prison.

*On February 16, 1999, the Department obtained a copy of the missing manifest (MDC0552472) from USA Lights and subsequently provided a copy to DCDC on February 19, 1999.*

4. The two, 30-gallon containers used to accumulate hazardous waste in the body shop were not closed. The bungs were missing from the tops.

*According to DCDC's February 26, 1999, letter, "The contents of the two 30-gallon hazardous waste drums (waste paint and thinner) were transferred to one 55-gallon plastic drum. The 55-gallon drum that is currently being used to store hazardous waste is located in the Satellite Storage Area at the Body Shop and is kept closed except to transfer waste into the drum. Jim Livingston has received hazardous waste management training."*

5. DCDC was missing a Land Disposal Restriction Notification (LDR) for manifest number MI7232460.

*On March 25, 1999, the Department obtained a copy of the missing LDR from Environmental Chemical Associates and subsequently provided a copy of the LDR to DCDC.*

The remaining violations were repeat violations, noted originally in the July 31, 1998, Multimedia Notice of Violation, and were referred to the Regional Enforcement staff on July 31, 1998, for formal enforcement action. DCDC addressed these violations in the February 26, 1999, letter; however, these violations can not be resolved in this letter. These violations were included in the Consent Special Order, which was effective July 8, 1999.

1. Charles Senior and James Livingston are not included in DCDC's training plan/outline.

*According to DCDC's February 26, 1999, letter, "The Hazardous Waste Management Contingency Plan has been amended to include operations at the Body Shop. Charles Senior and James Livingston have received the initial/basic training per the Hazardous Waste Management Contingency Plan. The Training was tailored to specifically address procedures to be followed at the Body Shop."*

The Consent Special Order states:

Within 30 days of the effective date of this Order, pursuant to 9 VAC 20-60-530.G.4, amend the Facility's hazardous waste training plan to include all personnel that manage hazardous waste including the Facility's autobody shop instructor.

2. DCDC's current Hazardous Waste Contingency Plan does not include the hazardous waste activities associated with the Auto Body Shop.

*According to the DCDC's February 26, 1999, letter, "The Hazardous Waste Management Contingency Plan has been amended to include operations at the Body Shop."*

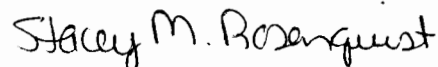
The Consent Special Order states:

Within 30 days of the effective date of this Order, pursuant to 9 VAC 20-60-550.D, amend the Facility's Hazardous Waste Contingency Plan to include the Facility's autobody shop.

Please provide copies of the amended Hazardous Waste Training Plan and Hazardous Waste Contingency Plan to the Department by August 6, 1999.

If you have any questions, please call me at (703) 583-3891.

Sincerely,



Stacey M. Rosenquist  
Enforcement/Compliance Specialist Sr.

cc: Claire Ballard  
Anne Crosier  
Jon Terry  
Jeff Suhr, AASE



C-011-98

COMMONWEALTH of VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL QUALITY

George Allen  
Governor

Becky Norton Dunlop  
Secretary of Natural Resources

Northern Virginia Regional Office  
13901 Crown Court  
Woodbridge, VA 22193  
(703) 583-3800  
Fax (703) 583-3801

Thomas L. Hopkins  
Director

Gregory L. Clayton  
Regional Director

January 12, 1998

Mr. Ray Sullivan  
DC Department of Corrections  
Industries Division  
P.O. Box 730  
Lorton, VA 22079

RE: Return to Compliance - Partial  
DC Department of Corrections - Industries Division  
VAD980830988

Dear Mr. Sullivan:

Thank you for the courtesy copy of your January 5, 1998, letter to 3M Cottage Grove Center and for your January 6, 1998, letter. This information appears to satisfactorily address several issues identified in the December 24, 1997, inspection report. As a result, your facility has been returned to compliance with the Virginia Hazardous Waste Management Regulations (VHWMR) for the following issues:

1. The generator failed to determine that the transporter has a valid EPA ID number and a valid Virginia Transporter Permit as required by the VHWMR §5.5.A.7.
2. Facility personnel do not participate in an annual review of the initial training as required by the VHWMR §9.1.G.3.
3. The owner/operator does not maintain the following documents or records at the facility as required by the VHWMR §9.1.G.4:
  - a. Name of employee filling each job (VHWMR §9.1.G.4.a),
  - b. A written job description for each position (VHWMR §9.1.G.4.b.), and
  - c. Records that document that the training or job experience required above has been given to, and completed by facility personnel (VHWMR §9.1.G.4.d.).

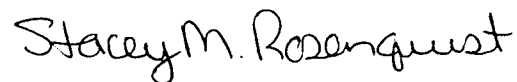
Mr. Sullivan  
Page 2

The following issues remain unresolved and are subject to continued enforcement action:

1. Facility personnel have not successfully completed a program of classroom training or on-the-job training in hazardous waste management procedures as required by the VHWMR §6.4.E.1.d. and §9.1.G.1.
2. New employees to the facility have not successfully completed training mentioned above within six months of their employment or assignment to the facility as required by the VHWMR §9.1.G.2.

If you have any questions, please call me at (703) 583-3891.

Sincerely,

A handwritten signature in black ink that reads "Stacey M. Rosenquist". The signature is written in a cursive, flowing style.

Stacey M. Rosenquist  
Enforcement/Compliance Specialist Sr.

cc: Claire Ballard  
John Ely  
Douglas Washington

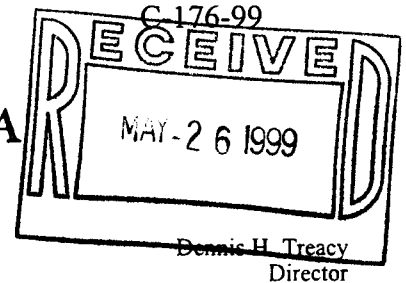


**COMMONWEALTH of VIRGINIA**  
*DEPARTMENT OF ENVIRONMENTAL QUALITY*

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Northern Virginia Regional Office  
13901 Crown Court  
Woodbridge, VA 22193-1453  
(703) 583-3800 fax (703) 583-3801  
<http://www.deq.state.va.us>



Gregory L. Clayton  
Regional Director

May 21, 1999

Mr. Ajay Kapoor  
Facilities Management  
DC Department of Corrections  
Box 25  
Lorton, VA 22199

Re: Hazardous Waste Determination Plan  
DC Department of Corrections - VAD980830988

Dear Mr. Kapoor:

The Department has reviewed DC Department of Corrections' Hazardous Waste Determination Plan and offers the following comment.

- In sections 6.2.3 and 7.7, you address the management of Investigative Derived Waste (IDW). The IDW must be managed in accordance with the Virginia Solid Waste Management Regulations and the Virginia Solid Waste Management Regulations. I have enclosed a copy of the Department's policy on IDW for your review.

If you have any questions, please call me at 703-583-3891.

Sincerely,

*Stacey M. Rosenquist*

Stacey M. Rosenquist  
Enforcement/Compliance Specialist Sr.

Enclosure

cc: Claire Ballard  
Jon Terry